

1002930-041502

Fig. 2DEFAULT DATABASE (ODB)
TABLE 1

SATELLITE ID	SATELLITE NAME	GES ID	GES LOCATION	GES OWNER / SERVICE PROVIDER
00	AOR-W	001	GOONHILLY, UK	SKYPHONE
00	AOR-W	002	SOUTHBURY, USA	COMSAT
00	AOR-W	003	LAURENTIDES, CANADA	STRATOS
00	AOR-W	005	AUSSAGUAL, FRANCE	STRATOS AND SATELLITE AIRCOM
01	AOR-E	101	GOONHILLY, UK	SKYPHONE
01	AOR-E	103	AUSSAGUAL, FRANCE	STRATOS AND SATELLITE AIRCOM
01	AOR-E	104	EIK, NORWAY	SKYPHONE
01	AOR-E	105	FUCINO, ITALY	COMSAT
02	POR	201	SENTOSA, SINGAPORE	SKYPHONE
02	POR	202	SANTA PAULA, USA	COMSAT
02	POR	203	YAMAGUCHI, JAPAN	COMSAT/KDD
02	POR	205	PERTH, AUSTRALIA	SATELLITE AIRCOM
02	POR	206	NILES CANYON, CANADA	STRATOS
02	POR	207	BRUNIE	BRUNIE
02	POR	210	KUMSAN, KOREA	COMSAT/KDD
03	IOR	301	EIK	SKYPHONE
03	IOR	302	NONHABURI, THAILAND	CONSAT/KDD
03	IOR	303	AUSSAGUAL, FRANCE	SATELLITE AIRCOM
03	IOR	305	PERTH, AUSTRALIA	SATELLITE AIRCOM
03	IOR	306	YAMAGUCHI, JAPAN	COMSAT/KDD
03	IOR	307	BRUNIE	BRUNIE
03	IOR	310	SENTOSA, SINGAPORE	SKYPHONE
03	IOR	312	FUCINO, ITALY	COMSAT

Fig. 3

Fig. 3a	Fig. 3b	Fig. 3c
---------	---------	---------

Fig. 4A

Fig. 4A-1	Fig. 4A-2	Fig. 4A-3
-----------	-----------	-----------

10029230.041502

Fig. 3a

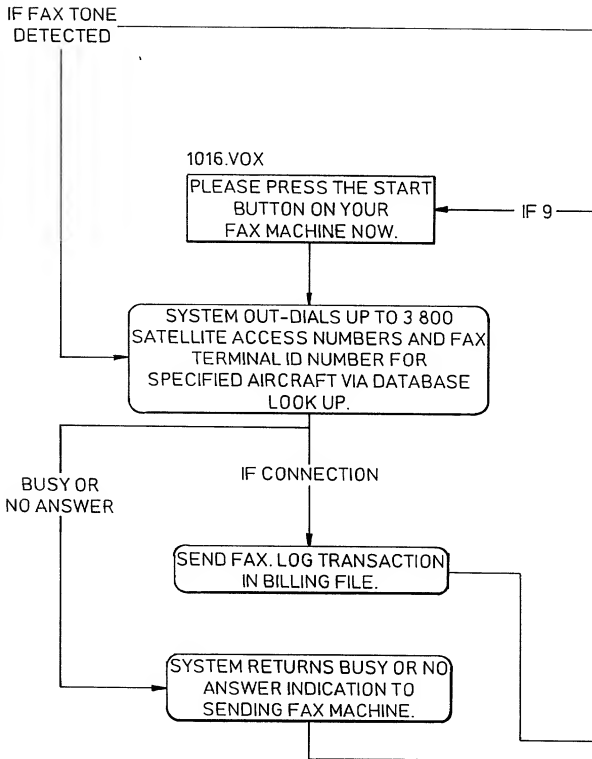
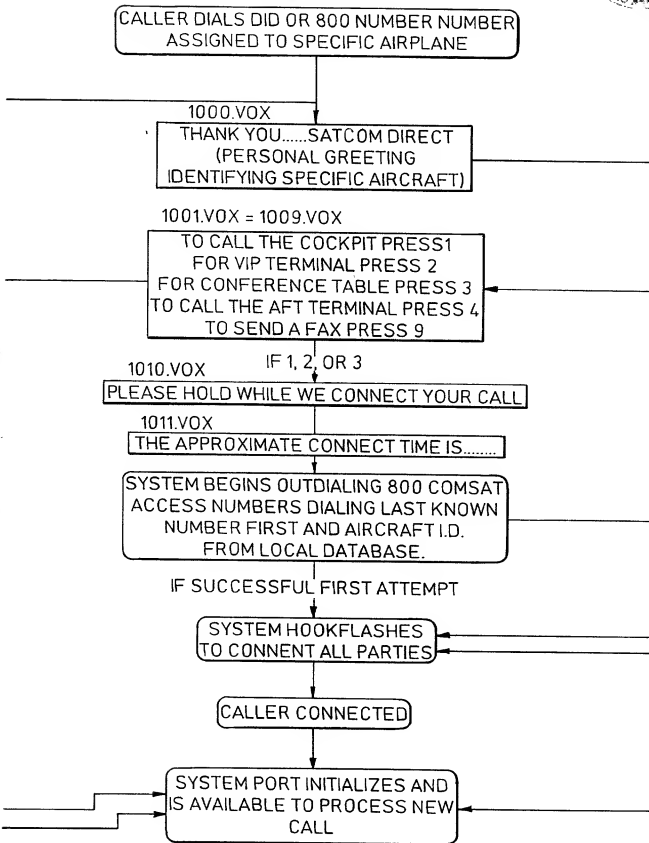


Fig. 3b



10029230.041502

Fig. 3c

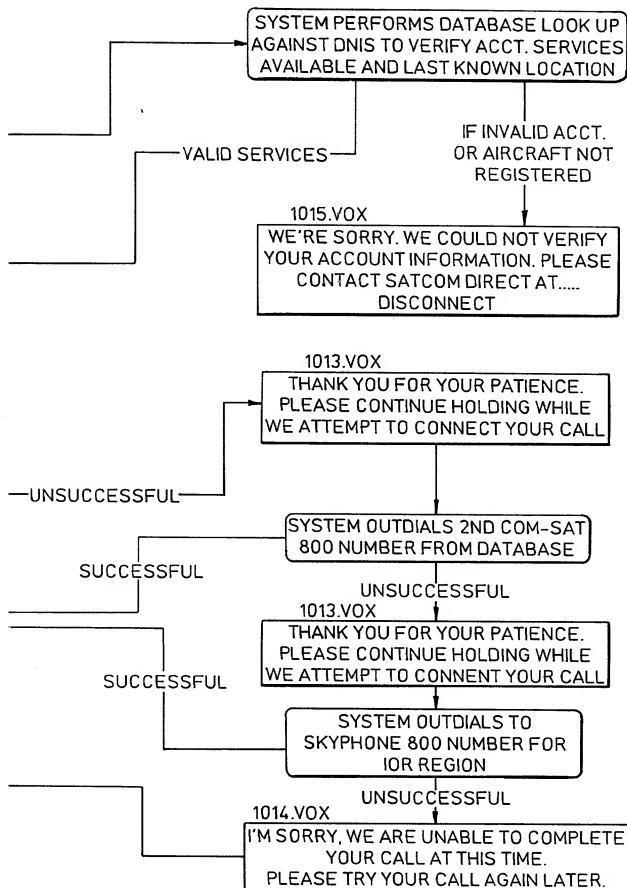




Fig. 4A-1

IF FAX TONE
DETECTED

1016.VOX

PLEASE PRESS THE START
BUTTON ON YOUR
FAX MACHINE NOW.

IF 4

SYSTEM OUT-DIALS UP TO 3 800
SATELLITE ACCESS NUMBERS AND FAX
TERMINAL ID NUMBER FOR
SPECIFIED AIRCRAFT VIA DATABASE
LOOK UP.

BUSY OR
NO ANSWER

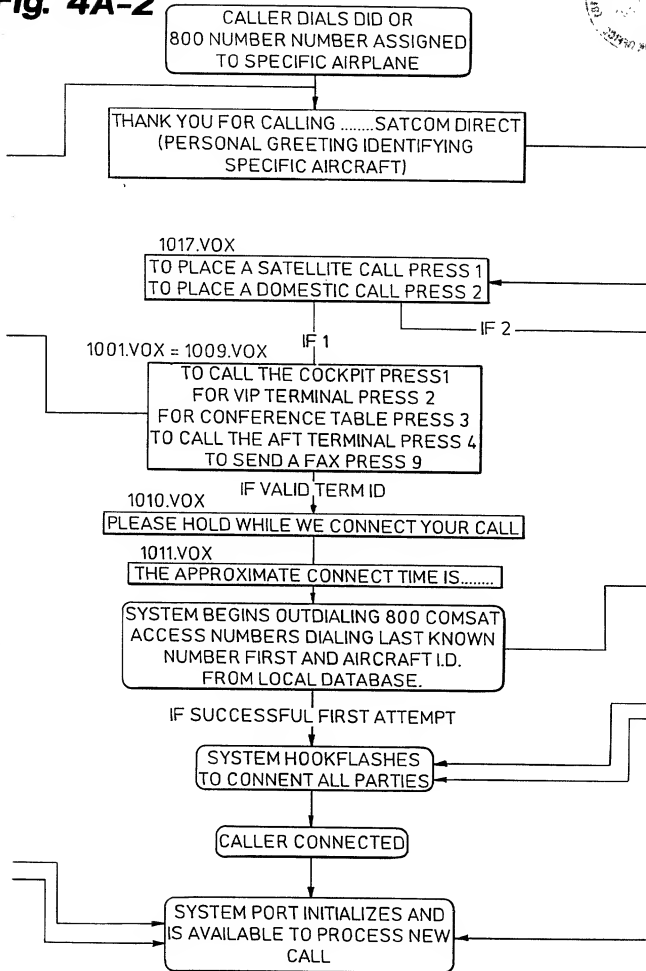
IF CONNECTION

SEND FAX. LOG TRANSACTION
IN BILLING FILE.

SYSTEM RETURNS BUSY OR NO
ANSWER INDICATION TO
SENDING FAX MACHINE.

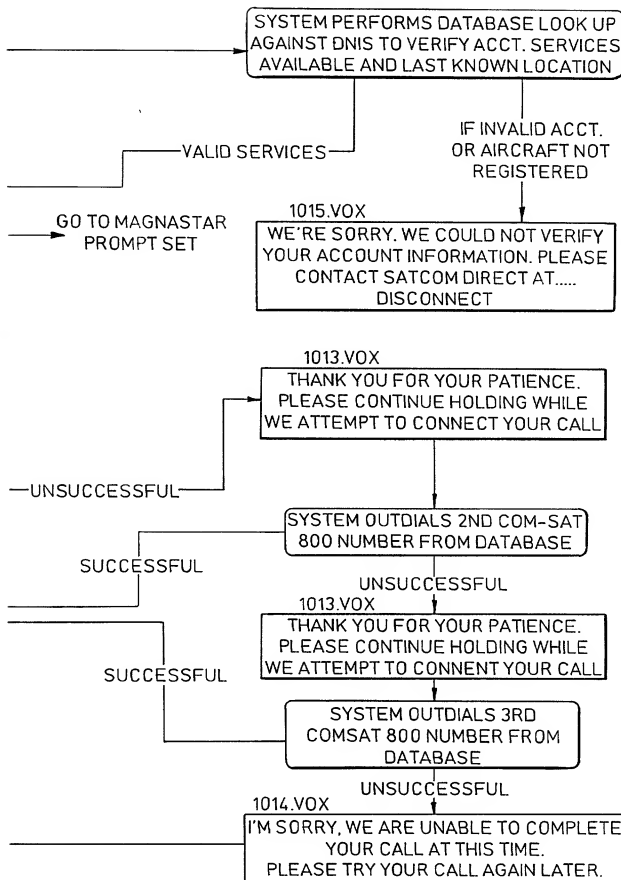
10029230.041502

Fig. 4A-2



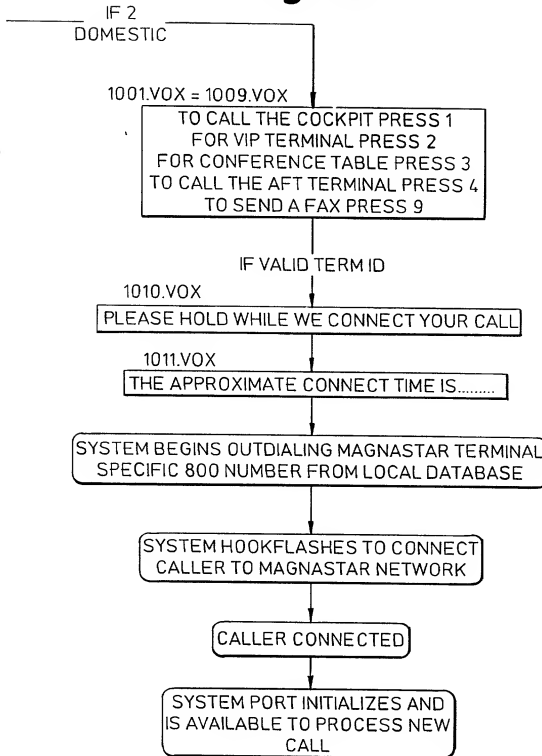
10029230.041502

Fig. 4A-3



10029230-041502

Fig. 4B



205440-06262001

10029230-041502

205F40'0E26200T

Fig. 5A

http://206.147.237.72/satcomadmin/SystemStatus.htm - Microsoft Internet Explorer

File Edit View Favorite Tools Help

Back Forward Stop Refresh Home Search Favorites History Mail Print Edit Discuss Full Screen

Address http://206.147.237.72/satcomadmin/SystemStatus.htm

Current System Status

Line #	Call ID	Start Time	End Time	DNIS	Airplane	Service	Terminal	Status
1	178069	12/12 14:08:43	14:13:01	14200	American Exor Aero H			Received
2	178067	12/12 14:08:25	14:10:29	14265	Anheuser Busg Aero H		80088301	Connected
3								
4								
5								
6								
7								
8								
9								
10								
11	179067	12/12 14:08:35	14:10:04		Anheuser Busg Aero H		Elk	Forced Hangup
12	178067	12/12 14:08:35	14:10:29		Anheuser Busg Aero H		Southbury	Connected
13	178068	12/12 14:08:56	14:10:41		Clay Lacy Avial Aero H+		Southbury	Connected
14	179068	12/12 14:08:56	14:09:27		Clay Lacy Avial Aero H+		Santa Paula	Forced Hangup
15	178067	12/12 14:08:35	14:10:04		Anheuser Busg Aero H		Santa Paula	Forced Hangup
16								
17								
18								
19								
20								

Refresh Speed:



Fig. 5B-1

CITI Group/N316GS (DNIS 4087) - Aero-H

CallID 77793 at 12/11/01 11:02:02AM

Incoming Call on Line 1

Log#	Date/Time	Message
4825600	12/11/01 11:02:02AM	Call 77793 received with DINS 4087
4825601	12/11/01 11:02:02AM	Use English prompts for this airplane
4825602	12/11/01 11:02:06AM	Call is a Satellite call
4825606	12/11/01 11:02:12AM	Caller presses '2', which connects to 80092402
4825607	12/11/01 11:02:12AM	Connection parameter: 80092402
4825608	12/11/01 11:02:12AM	InitiateSatcom: DNIS=4087, CallID=77793, TerminalSelected=8009240
4825609	12/11/01 11:02:12AM	Sending Satcom request to call 18006780874 on line 13
4825610	12/11/01 11:02:12AM	Sending Satcom request to call 12032620872 on line 14
4825612	12/11/01 11:02:12AM	Sending Satcom request to call 18005517534 on line 12

Outgoing Call on Line 12

Log#	Date/Time	Message
4825619	12/11/01 11:02:12AM	Received Satellite request to call 18005517534 from TimeSlot 1
4825621	12/11/01 11:02:12AM	Unrouted line
4825623	12/11/01 11:02:12AM	Picked up line
4825625	12/11/01 11:02:13AM	Dialing
4825629	12/11/01 11:02:17AM	Wait for noise
4825630	12/11/01 11:02:17AM	Started recording Greeting77793_12.wav
4825647	12/11/01 11:02:22AM	Greeting detected
4825648	12/11/01 11:02:22AM	Send PIN 103053465
4825653	12/11/01 11:02:25AM	Recorded Noise77793_12.wav
4825654	12/11/01 11:02:26AM	Send AESID 3580092402#
4825658	12/11/01 11:02:29AM	Enable tones
4825659	12/11/01 11:02:29AM	Wait for Ring
4825660	12/11/01 11:02:29AM	Recorded Connection77793_12.wav
4825691	12/11/01 11:02:43AM	Detected tone 'R'
4825692	12/11/01 11:02:43AM	Ring or busy detected
4825693	12/11/01 11:02:43AM	2 second pause begins
4825694	12/11/01 11:02:45AM	End of 2 second pause
4825695	12/11/01 11:02:45AM	Setting maxnonsilence = 50ms
4825696	12/11/01 11:02:45AM	Disabling tone 2
4825697	12/11/01 11:02:45AM	Flushing buffer
4825698	12/11/01 11:02:45AM	Recording ConnType77793_12.wav
4825703	12/11/01 11:02:50AM	Phone Line is Busy (Timeout occurred)
4825704	12/11/01 11:02:50AM	Disable tones

Outgoing Call on Line 13

Log#	Date/Time	Message
4825615	12/11/01 11:02:12AM	Received Satellite request to call 18006780874 from TimeSlot 1
4825616	12/11/01 11:02:12AM	Unrouted line

205740-00262001



Fig. 5B-2

4825618	12/11/01	11:02:12AM	Picked up line
4825624	12/11/01	11:02:13AM	Dialing
4825627	12/11/01	11:02:17AM	Wait for noise
4825628	12/11/01	11:02:17AM	Started recording Greeting77793_13.wav
4825651	12/11/01	11:02:24AM	Greeting detected
4825652	12/11/01	11:02:24AM	Send AESID 580092402#
4825655	12/11/01	11:02:27AM	Wait for #
4825656	12/11/01	11:02:27AM	Received digit '#'
4825657	12/11/01	11:02:27AM	Send PIN 837035#
4825661	12/11/01	11:02:29AM	Enable tones
4825662	12/11/01	11:02:29AM	Wait for Ring
4825663	12/11/01	11:02:30AM	Recorded Connection77793_13.wav
4825666	12/11/01	11:02:32AM	Detected tone 'R'
4825667	12/11/01	11:02:32AM	Ring or busy detected
4825668	12/11/01	11:02:32AM	Setting maxnonsilence = 50ms
4825669	12/11/01	11:02:32AM	Disabling tone 2
4825670	12/11/01	11:02:32AM	Flushing buffer
4825671	12/11/01	11:02:32AM	Recording ConnType77793_13.wav
4825679	12/11/01	11:02:37AM	Phone Line is Busy (Timeout occurred)
4825680	12/11/01	11:02:37AM	Disable tones

Outgoing Call on Line 14

Log#	Date/Time	Message
4825617	12/11/01 11:02:12AM	Received Satellite request to call 1203260872 for TimeSlot 1
4825620	12/11/01 11:02:12AM	Unrouted line
4825622	12/11/01 11:02:12AM	Pausing 20 seconds before dialing
4825672	12/11/01 11:02:32AM	Picked up line
4825673	12/11/01 11:02:33AM	Dialing
4825675	12/11/01 11:02:37AM	Wait for noise
4825676	12/11/01 11:02:37AM	Started recording Greeting77793_14.wav
4825687	12/11/01 11:02:41AM	Greeting detected
4825688	12/11/01 11:02:41AM	Pausing 5 seconds before entering digits
4825699	12/11/01 11:02:46AM	Send AESID 580092402#
4825702	12/11/01 11:02:49AM	Wait for #
4825707	12/11/01 11:02:52AM	Received digit "
4825708	12/11/01 11:02:52AM	Send PIN 837035#
4825709	12/11/01 11:02:54AM	Enable tones
4825710	12/11/01 11:02:54AM	Wait for Ring
4825711	12/11/01 11:02:54AM	Recorded Connection77793_14.wav
4825715	12/11/01 11:02:57AM	Detected tone 'R'
4825716	12/11/01 11:02:57AM	Ring or busy detected
4825717	12/11/01 11:02:57AM	Setting maxnonsilence = 50ms
4825718	12/11/01 11:02:57AM	Disabling tone 2
4825719	12/11/01 11:02:57AM	Flushing buffer
4825720	12/11/01 11:02:57AM	Recording ConnType77793_14.wav
4825730	12/11/01 11:03:02AM	Phone Line is Busy (Timeout occurred)
4825731	12/11/01 11:03:02AM	Disabled tones

205740-08262001

Fig. 6

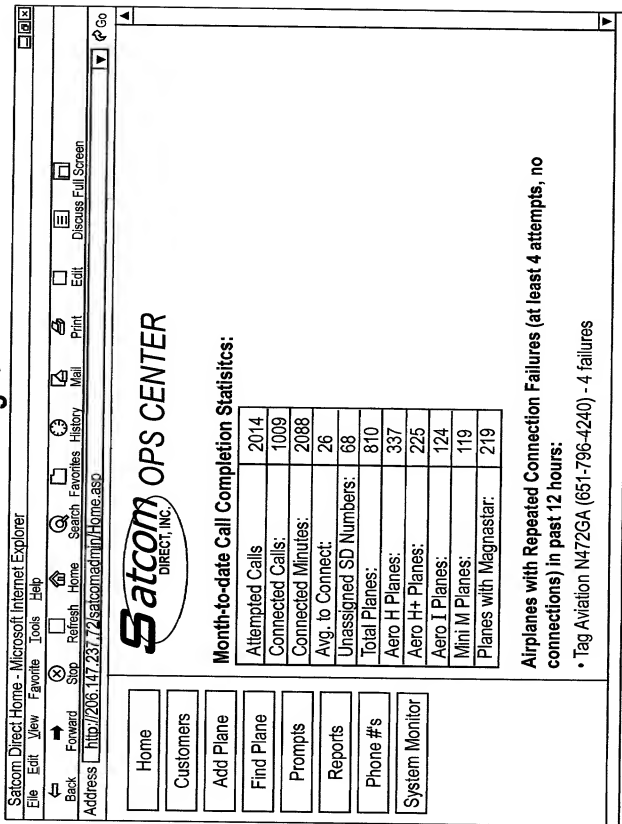


Fig. 7

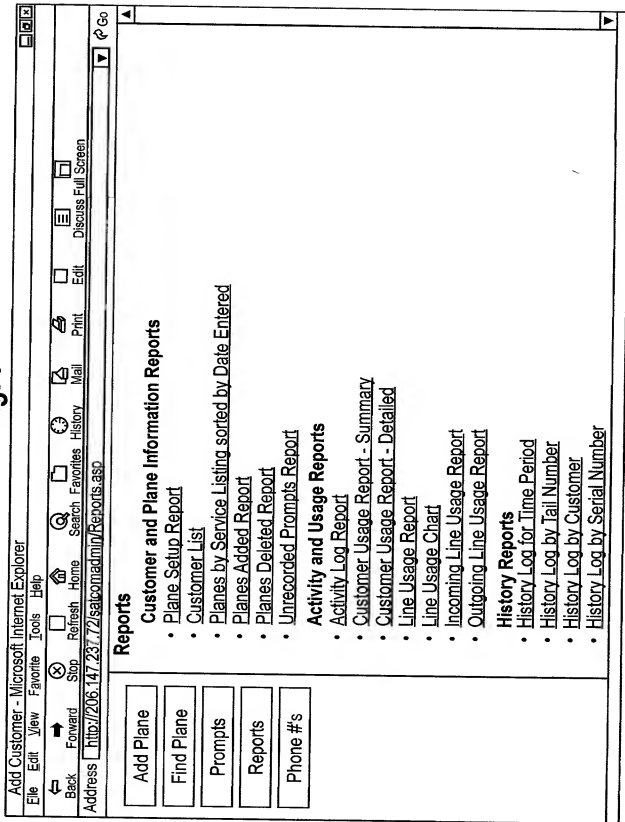


Fig. 8

Add Plane - Microsoft Internet Explorer
 File Edit View Favorites Tools Help

Back Forward Stop Refresh Home Search Favorites History Mail Print Edit Discuss Full Screen
 Address <http://206.147.237.72/satcomadmin/EditPlane.asp> Go

Home

Customers

Add Plane

Find Plane

Prompts

Reports

Phone #'s

Satcom
DIRECT, INC.

OPS CENTER

Modify Existing Airplane

Phone #:

Customer:

Tail #:

Aircraft Type:

Language:

Serial #:

AESID:

Service:

Phone System:

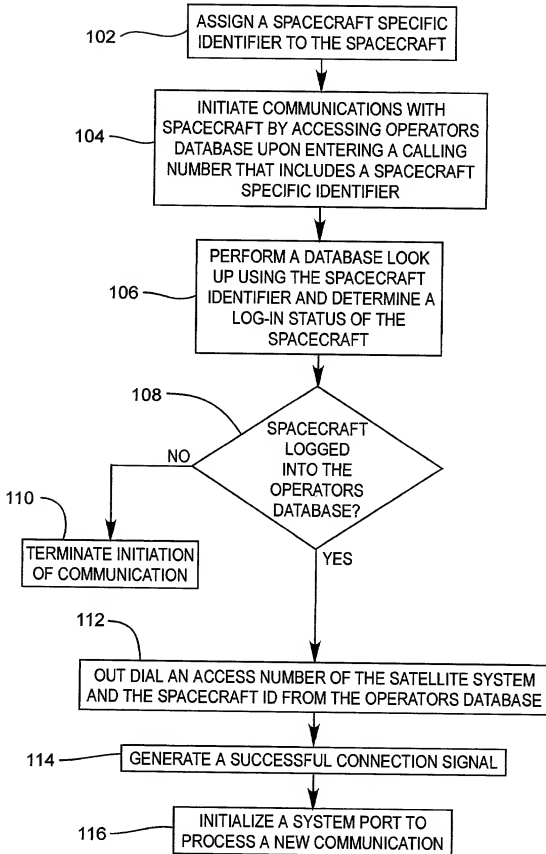
Greeting: ☐ Add New ☒ Use Existing

You have called Boeing flight operations aircraft number N344BA

Additional Comments:

☒ Active

Fig. 9



10029230-041502